

What is claimed is:

1. An alkaline lipase having an amino acid sequence of SEQ ID NO: 5.
- 5 2. A polynucleotide comprising a sequence encoding an amino acid sequence of SEQ ID NO: 5.
3. The polyucleotide of claim 2, comprising a nucleotide sequence of SEQ ID NO: 4.
- 10 4. The polyucleotide of claim 2, comprising nucleotide sequences of SEQ ID NO: 2 and SEQ ID NO: 4.
- 15 5. The polyucleotide of claim 2, comprising a nucleotide sequence of SEQ ID NO: 1.
6. A recombinant vector comprising the polynucleotide of claim 2.
- 20 7. The recombinant vector of claim 6, wherein the recombinant vector is pH1, pHLB29 or pHAAH38.
8. A transformed host cell transformed by the recombinant vector of claim 6 or 7.
- 25 9. The transformed host cell of claim 8, wherein the transformed host cell is *Escherichia. coli*.
- 30 10. The transformed host cell of claim 9, wherein the transformed host cell is HB101 (pHL1).
11. A method of producing an alkaline lipase comprising

culturing the transformed host cell of claim 8.

12. A detergent comprising the alkaline lipase of claim 1.

5